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Cotyloidal prosthesis for hip replacement implant has cup with cavities in outer wall to receive bone grafts that promote osseous fusion

Patent Assignee: TIMOTEO M

Inventors: TIMOTEO M

Patent Family (1 patent, 1 country)

Patent Number	Kind	Date	Application Number	Kind	Date	Update	Type
FR 2882921	A1	20060915	FR 20052407	A	20050311	200668	B

Priority Application Number (Number Kind Date): FR 20052407 A 20050311

Patent Details

Patent Number	Kind	Language	Pages	Drawings	Filing Notes
FR 2882921	A1	FR	12	6	

Alerting Abstract: FR A1

NOVELTY - The prosthesis, comprising a cup (2) with anchoring screws (13) designed to contain a polymer or ceramic liner (3) that receives the head of a hip replacement femoral component, has its wall pierced with cavities (14) that are open on its outer surface for inserting bone grafts. The cavities are cylindrical in shape, pierced perpendicular to the cup edge (7) and at an angle to the cup's main axis, and have slits (16) linking them to the cup's outer surface.

USE - Cotyloid prosthesis for hip replacement implant.

ADVANTAGE - Enhanced fusion with cotyl cavity in which it is fitted.

DESCRIPTION OF DRAWINGS - The drawings show a cross-section and perspective view of the cotyl prosthesis and a side view of its liner.

2 Cotyl cup

3 Liner

7 Cup edge

13 Anchoring screw

14 Cavity

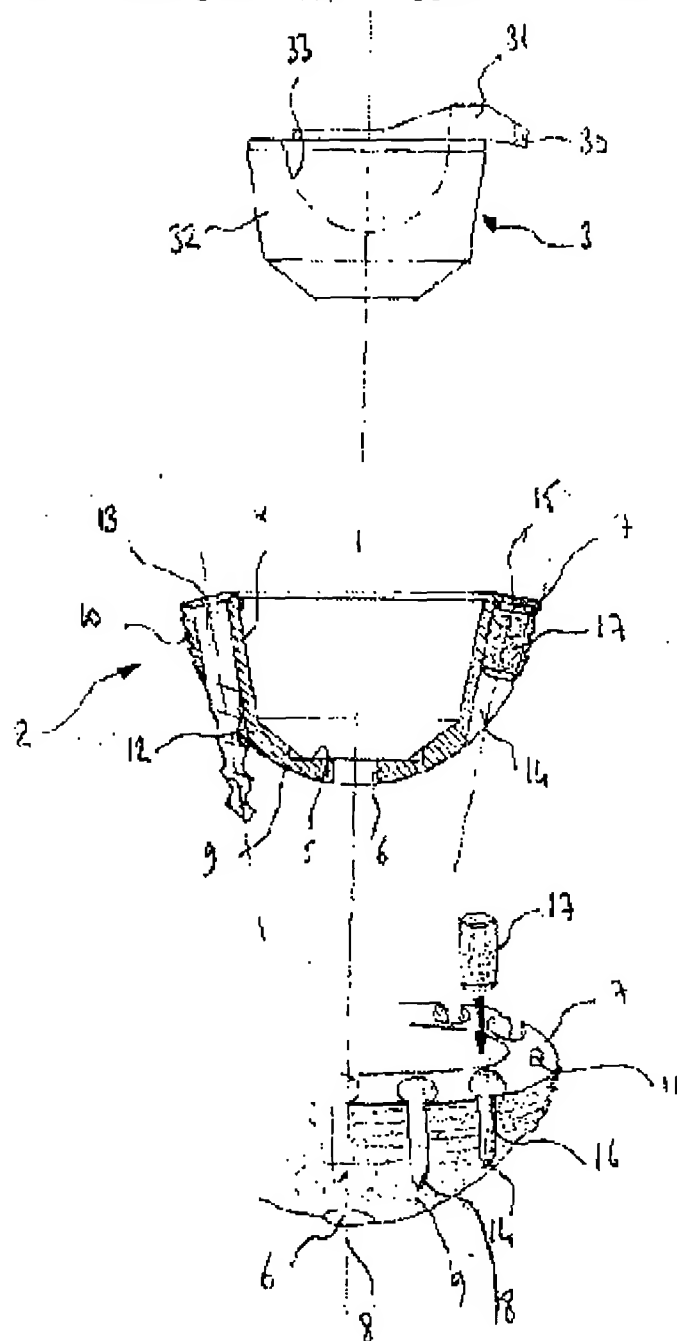
16 Slit

17 Bone graft

Technology Focus:

POLYMERS - Preferred Material: The liner is e.g. of polyethylene.

Main Drawing Sheet(s) or Clipped Structure(s)



International Patent Classification

IPC	Level	Value	Position	Status	Version
A61F-0002/34	A	I	F	B	20060101
A61F-0002/32	C	I	F	B	20060101

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